Listing of Claims:

1. (Currently Amended) A method of analyzing content in video data, comprising the ~~steps~~ acts of:

spatially multiplexing said video data such that every frame of video of multiple scenes ~~are~~ is spatially distributed in a single composite video stream, at least part of each of said video data being apportioned to a respective part of a moving image defined by a resulting multiplexed moving image; and

performing computerized operations on the ~~analyzing~~ content of said multiplexed video image such that data in others of said each of said video data is ignored to produce an analysis particular to one of said multiple scenes.

2. (Original) A method as in claim 1, wherein said at least part of each of said video data is a subsampled moving image.

3. (Cancelled)

4. (Cancelled)

5. (Original) A method as in claim 2, further comprising recording said multiplexed moving image.

6. (Cancelled)

7. (Original) A method as in claim 1, further comprising recording said multiplexed moving image.

8. (Currently Amended) A method of analyzing multiple video channels, comprising the ~~steps~~ acts of:

non-selectively spatially multiplexing multiple video data sets at said multiplexer to produce a spatially multiplexed moving image; and

performing computerized operations on ~~analyzing~~ at least a first portion of said spatially multiplexed moving image, said first portion corresponding to a first of said channels; said step of ~~analyzing~~ performing computerized operations include~~including~~ ignoring data in said multiplexed moving image corresponding to channels other than said first of said channels.

9. (Original) A method as in claim 8, further comprising recording said multiplexed moving image on a video recorder.

10. (Currently Amended) A method as in claim 9, wherein said step of performing computerized operations ~~analyzing~~ includes spatially demultiplexing said multiplexed moving image such as to produce multiple moving images, each corresponding to a respective one of said channels.

11. (Original) A method as in claim 10, wherein said spatially multiplexed moving image contains multiple frames, each divided into spatially separate parts, each

part corresponding to a respective one of said channels.

12. (Original) A method as in claim 9, wherein said spatially multiplexed moving image contains multiple frames, each divided into spatially separate parts, each part corresponding to a respective one of said channels.

13. (Currently Amended) A method as in claim 8, wherein said step of performing computerized operations ~~analyzing~~ includes spatially demultiplexing said multiplexed moving image such as to produce multiple moving images, each corresponding to a respective one of said channels.

14. (Original) A method as in claim 8, wherein said spatially multiplexed moving image contains multiple frames, each divided into spatially separate parts, each part corresponding to a respective one of said channels.

15. (Currently Amended) A device for analyzing video content on multiple channels, comprising:

an input adapted to receive spatially multiplexed video data;

a controller programmed to select spatially distinct portions of said multiplexed video data received from said input, each of said spatially distinct portions respective of a particular video data channel; said controller being further programmed to perform computerized operations on ~~analyze content of~~ said spatially distinct portions such that

data from one spatially distinct portion does not interfere with the analysis of another spatially distinct portion.

16. (Original) A device as in claim 15, wherein said spatially multiplexed video data contains frames, each of which is divided into separate subframes, each of said subframes each corresponding to a different scene imaged by a respective camera.